

~~SECRET NO FOREIGN DISSEM~~

M/EB 499/64
26 October 1964
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MEMORANDUM FOR: Chief, Defensive Systems Division, OSI

25X1A ATTENTION: [REDACTED] Air Defense Branch

FROM: Chief, CIA/PID (NPIC)

SUBJECT: LoChing, China Radar

REFERENCES: (a) Requirement C-SI-4-81,835
(b) CIA/PID Project C 1545-64

1. This memorandum is in response to your requirement dated 25 September 1964 requesting the following: a sketch with mensuration data on antenna size and physical structure; the size and number of radiating element; and a determination of antenna rotation rate.

25X1D 2. Enclosed is a sketch with dimensions of the antenna observed at LoChing, China. The mensuration was done by TID/NPIC from Frame 29, 30, [REDACTED]. TID/NPIC has advised me that measurements are accurate only plus or minus 15 percent due to photogrammetric difficulties inherent in low level photography. Even with this consideration the dimensions are similar to the general dimensions of the MOONCONE radar observed on other photography; that is, a mast 40 feet high and 50 feet wide at the widest section positioned 15 feet above ground level.

25X1D All the frames [REDACTED] were taken on an oblique angle. The service building blocks the view of the mount, as [REDACTED] shows, so that no detail could be seen. The trailer mount in the sketch is just for illustration purposes. The general structural design of the mast can be seen but the radiating elements cannot be defined. At the time of the photography the radar was not rotating, therefore, no rotation rate can be determined.

25X1A 3. The photo analyst on this project is [REDACTED] who may be contacted on extension 2421 should you have any further questions regarding this project.

4. This project is considered to be complete.

25X1A [REDACTED]

Enclosures:

- 1 - One (1) line drawing
(CIA/PID/MEB-P-902/64)
- 2 - One (1) photo (submitted w/
requirement)

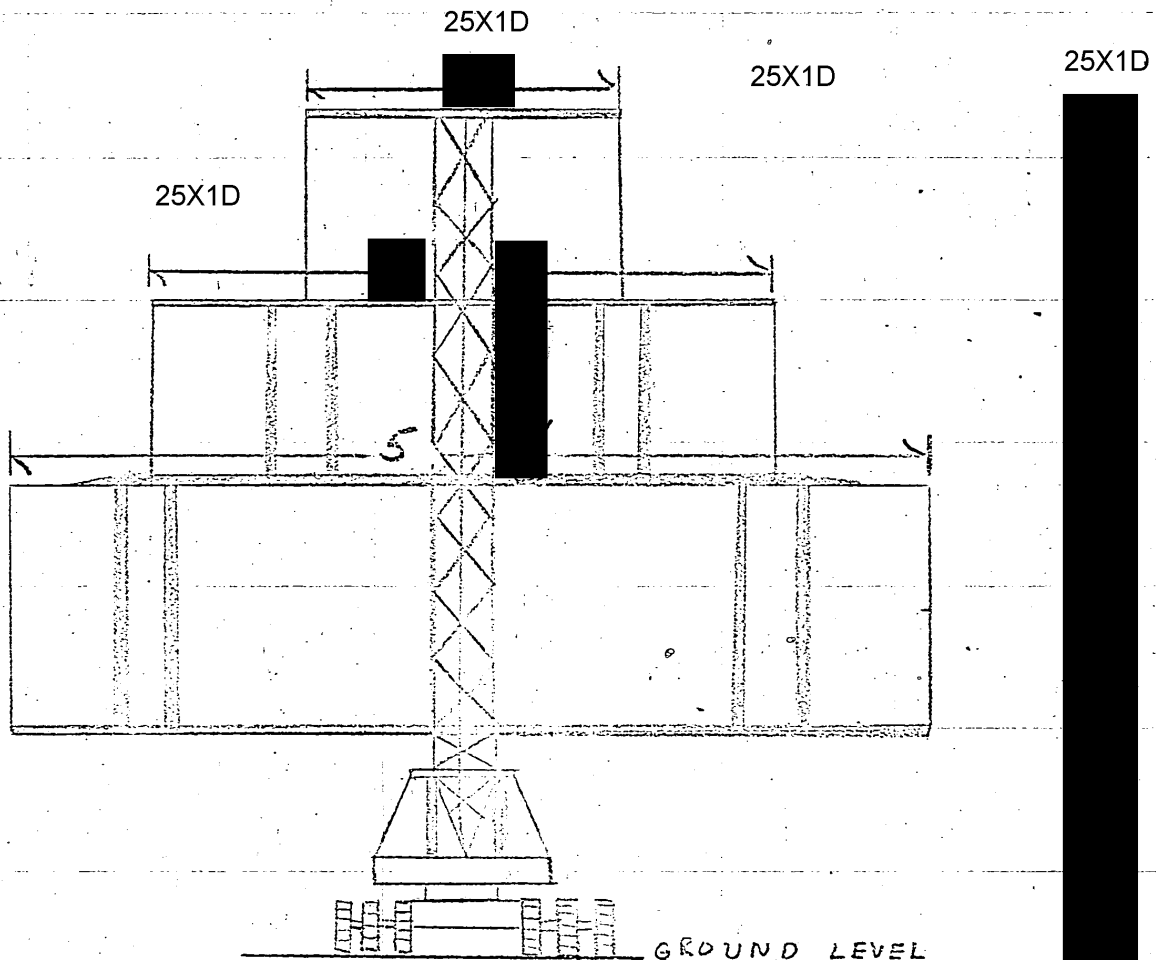
DECLASSIFICATION REVIEW by NIMA/DOD 4/12/00

GROUP 1
Excluded from automatic
downgrading and
declassification

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Attach to:
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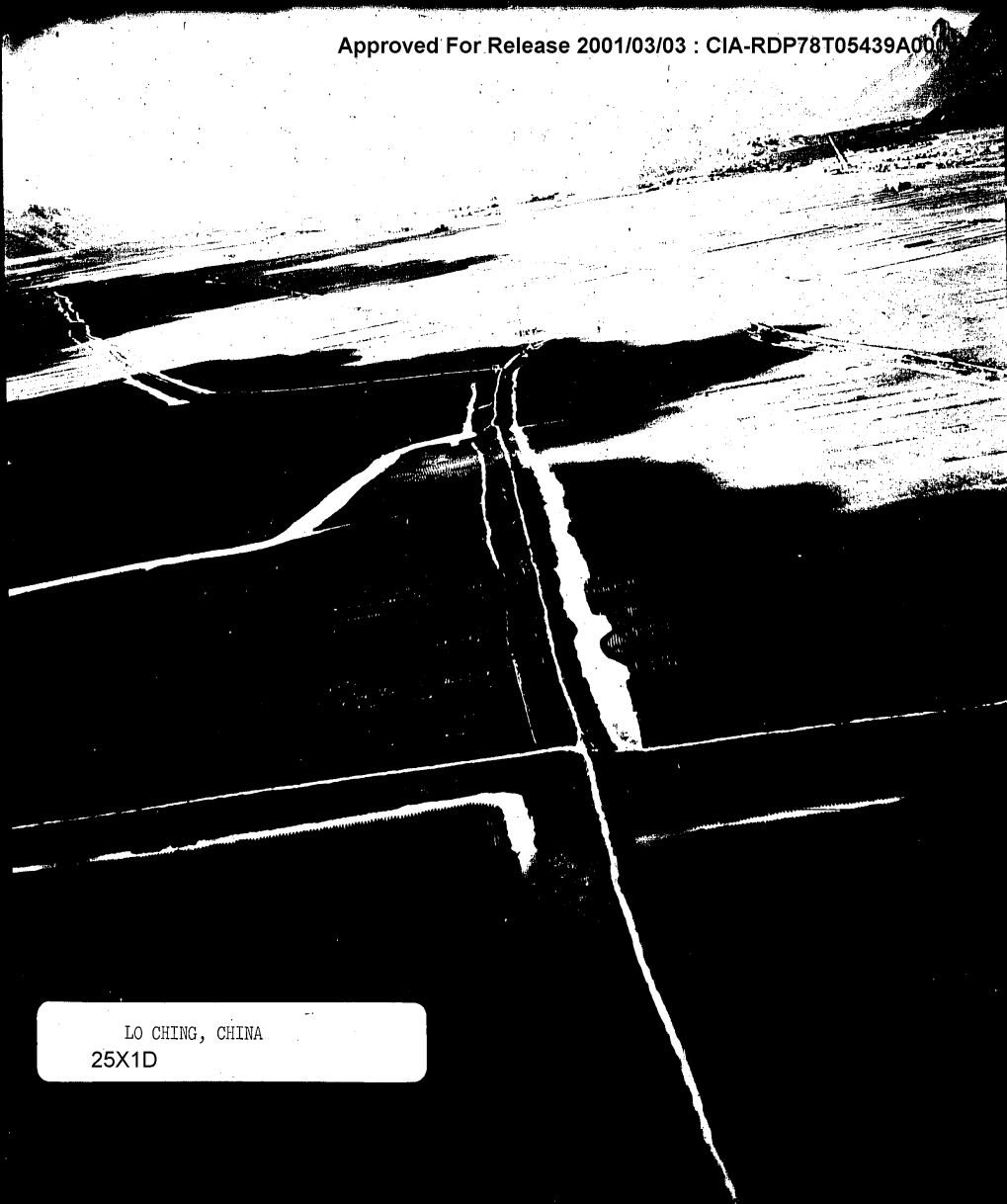
SCALE 1 FT = 159

LO CHING RADAR
CHINA

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Approved For Release 2001/03/03 : CIA-RDP78T05439A0001-0



LO CHING, CHINA
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